

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 53828

November 19, 2009 8:39:27 AM



Page 2

Item ID: D4013-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Cup

Start Date: 11/19/2009 Start Qty: 120.00



Cust Item ID:

Required Date: 11/23/2009 Req'd Qty: 120.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Identify as per dwg & Stock Location: W/A

0.00

Packaging

Memo

0.00

Packaging

EL 9-11-23 (X/120)

140



QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

09/11/24
MF 09-11-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November 19, 2009 8:39:27 AM

Page 1

Work Order ID: 53828



Parent Item: D4013-5



Parent Item Name: Cup

Start Date: 11/19/2009

Required Date: 11/23/2009

Comments: IPP RevA: New issue 09.10.26 DD verified by:JLM
revC as per dwg 09.11.18 DD verified by:JLM

IPP RevC:

Start Qty: 120.00

Required Qty: 120.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M304RO.750		Purchased	No			100	f	14.2300	18.9474			
304 SS Roundbar .750												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
MAT	14.23	
109421	1.39	
110166	1.44	
110912	6.06	
111323	3.5	
111988	1.84	

all 09.11.20 M113216

7.25

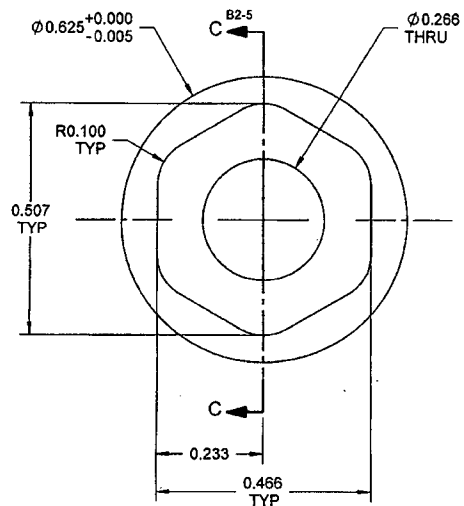
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

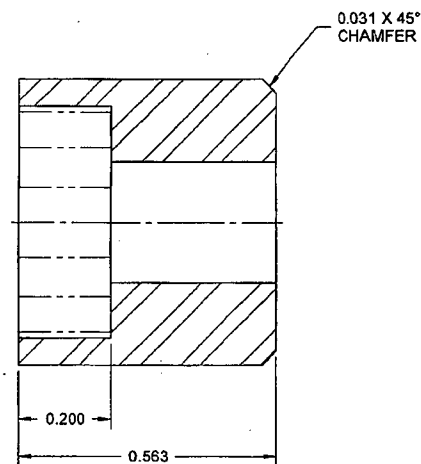
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D4013-5 CUP

#53828



SECTION C-C D8-5

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR PER ASTM A276
REF. DART SPEC. M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs EACH

DESIGN		DART AEROSPACE LTD	
DRAWN	<i>LB</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>AS</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>DS</i>	D4013	SHEET 5 OF 5
APPROVED	<i>MD</i>	TITLE	SCALE
DE APPR.	<i>SH</i>	WEARPLATE ASSEMBLY	NTS
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

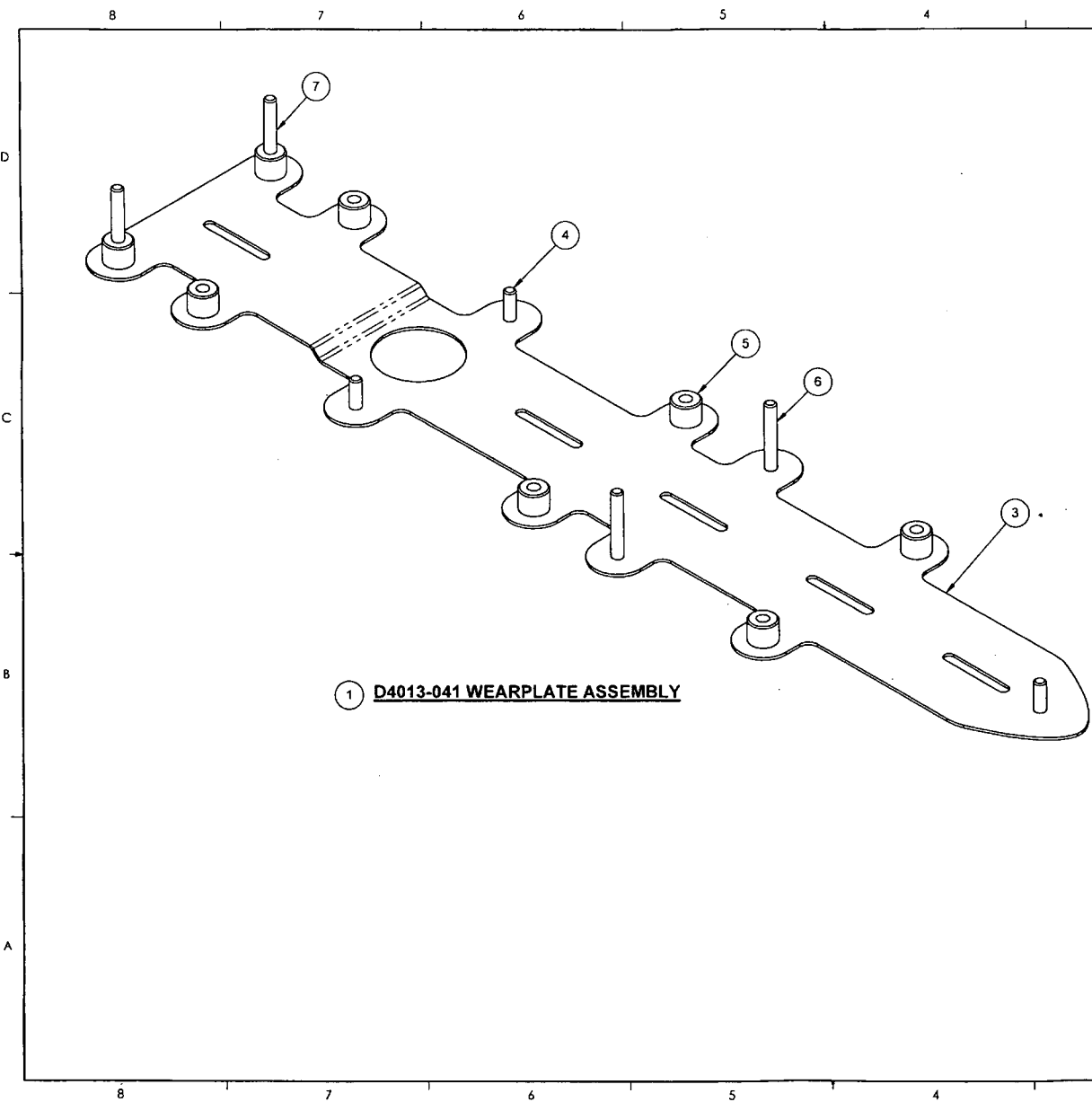
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



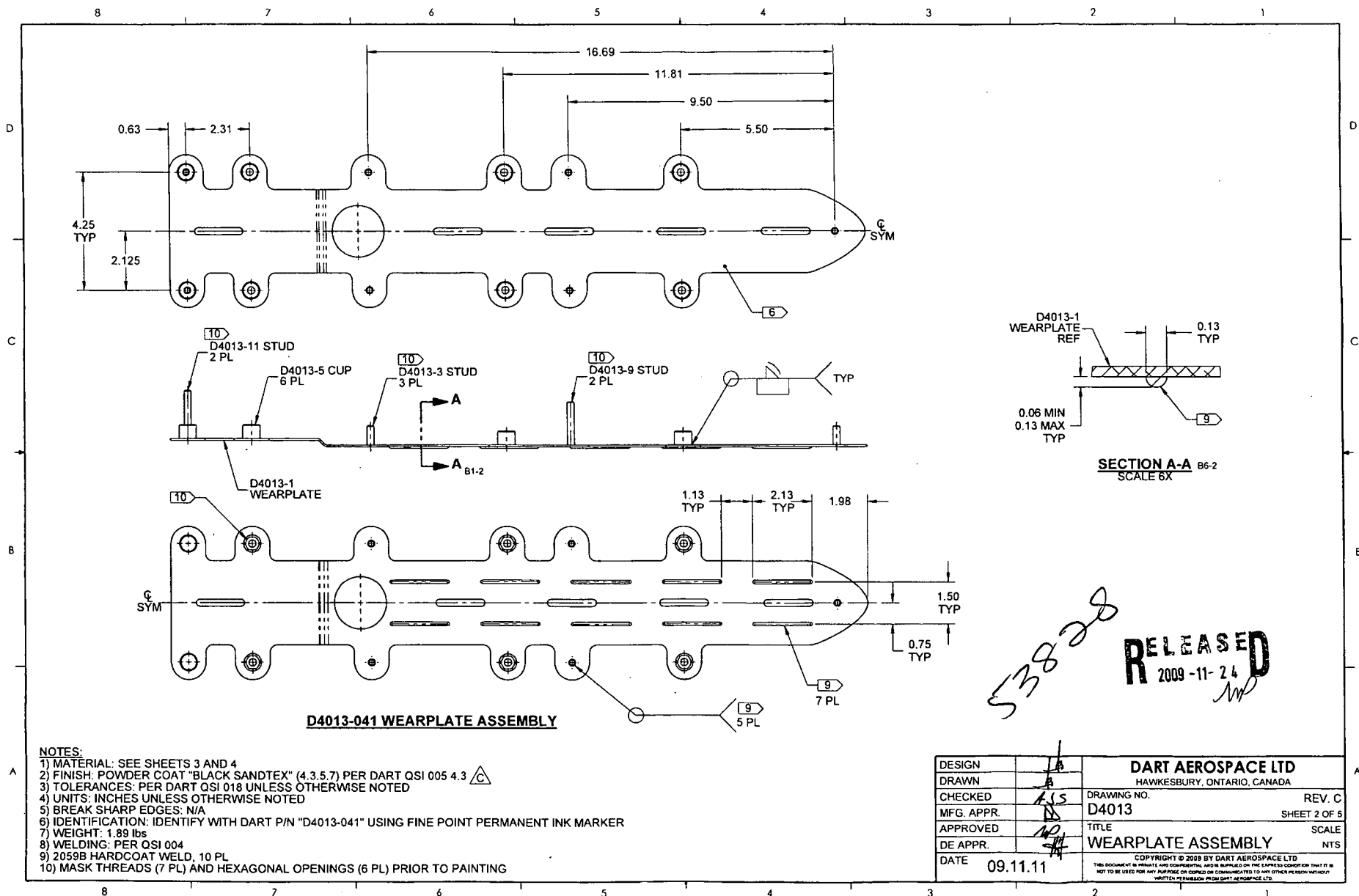
① D4013-041 WEARPLATE ASSEMBLY

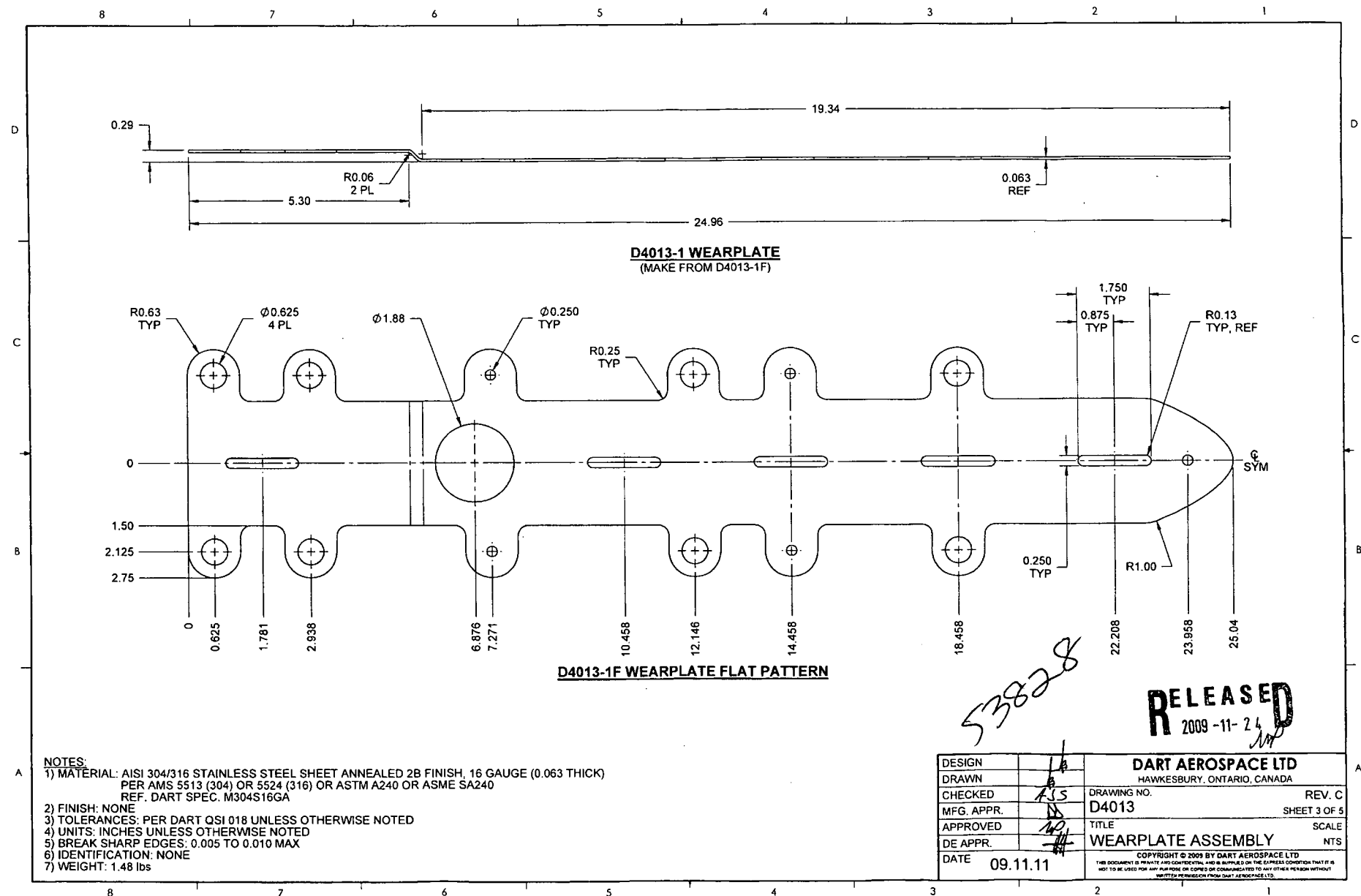
ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4013-041	WEARPLATE ASSEMBLY
3	1	D4013-1	WEARPLATE
4	3	D4013-3	STUD
5	6	D4013-5	CUP
6	2	D4013-9	STUD
7	2	D4013-11	STUD
21	A/R	2059B	HARDCOAT

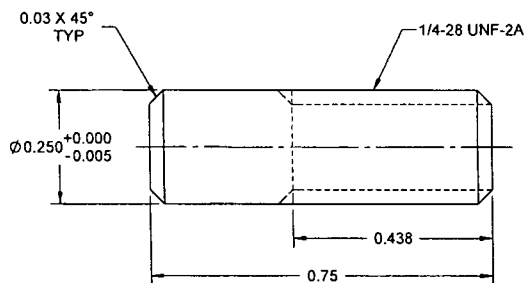
53878

RELEASED
2009-11-24
MP

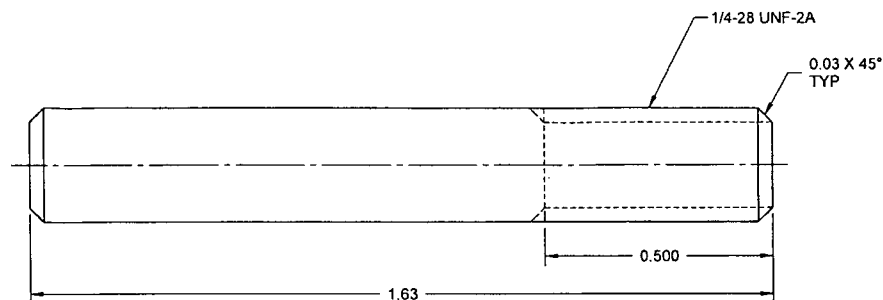
C	SIMPLIFY DESIGN FOR MANUFACTURING PURPOSES; REDESIGNED ITEM 5; ELIMINATED D4013-7 CUP (NO LONGER USED); CHANGED FINISH FROM GREY TO BLACK SANDEX	MB	09.11.11
B	REDESIGN	MB	09.11.02
A	NEW ISSUE	MB	09.10.22
REV.	DESCRIPTION	BY	DATE
DESIGN	LA	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AS	DRAWING NO. D4013	REV. C
CHECKED	AS	SHEET 1 OF 5	
MFG. APPR.	AS	TITLE	SCALE
APPROVED	AS	WEARPLATE ASSEMBLY	
DE APPR.	AS	NTS	
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



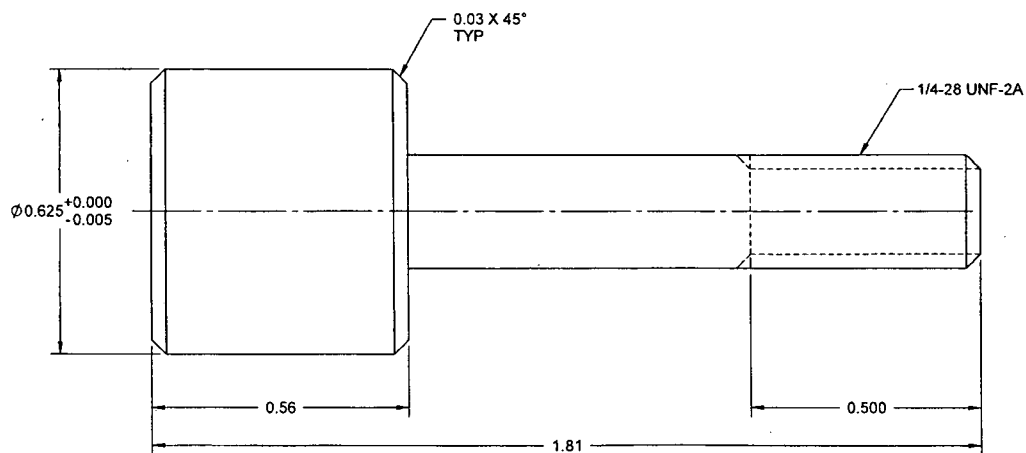




D4013-3 STUD



D4013-9 STUD



D4013-11 STUD

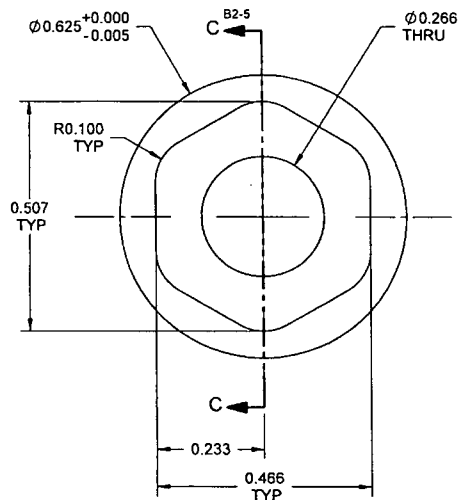
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR
REF. DART SPEC. M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: LESS THAN 0.01 lbs EACH

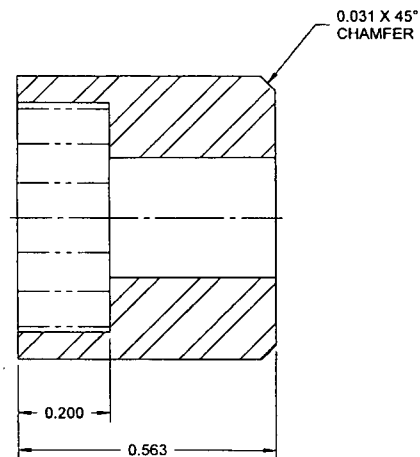
53828

RELEASED
2009-11-24

DESIGN	11	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS	DRAWING NO.	REV. C
CHECKED	JS	D4013	SHEET 4 OF 5
MFG. APPR.	JS	TITLE	SCALE
APPROVED	JS	WEARPLATE ASSEMBLY	NTS
DE APPR.	JS	COPYRIGHT © 2009 BY DART AEROSPACE LTD	
DATE	09.11.11	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D4013-5 CUP



SECTION C-C D6-5

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR PER ASTM A276
REF. DART SPEC. M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs EACH

DESIGN	1/8	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	1/8		
CHECKED	1/5	DRAWING NO.	REV. C
MFG. APPR.	1/5	D4013	SHEET 5 OF 5
APPROVED	1/5	TITLE	SCALE
DE APPR.	1/5	WEARPLATE ASSEMBLY	NTS
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

RELEASED
2009-11-24
MD

53828